

Belden IBDN Training

Course Descriptions

Belden IBDN 303

Belden IBDN Design and Concept

(2 days) — Can also be provided by correspondence on CD Rom

Who Should Attend:

Architects, Designers,
Networking Consultants

Course Benefits:

Gain the ability to design a Belden IBDN Structured Cabling System.

Learn about standards and planning procedures related to the installation of structured cabling systems.

What Will Be Covered:

- Belden IBDN Systems and products:
 - GigaFlex Cable: 1200, 2400, 4800LX,
 - Bonded-Pair Cable: DataTwist 350, MediaTwist, DataTwist 600e,
 - GigaBIX, FiberExpress, IntelliMAC-Plus, PowerSense and 10GX Solutions
- Structured Cabling Overview
- Standards Update
- Horizontal Distribution Standards
- Backbone Distribution Standards
- Entrance Facility
- Bonding and Grounding
- Reference Materials
- 60% In-Class Exercises

Prerequisite: None

Written Exam: Yes

BICSI CECs: RCDD (14),
INS, Level 2/Technician (14)

Belden IBDN 700

Belden IBDN Installation

(2 days)

Who Should Attend:

Belden Certified System Vendor (CSV)
Installers, and Distributors

Course Benefits:

Develop a fundamental understanding of a Belden IBDN Structured Cabling System.

Gain valuable experience on how to install and maintain a complete Belden IBDN Structured Cabling System.

What Will Be Covered:

- Belden Company Overview
- Structured Cabling History
- Standards Overview
- Belden IBDN Systems and products:
 - GigaFlex Cable: 1200, 2400, 4800LX,
 - Bonded-Pair Cable: DataTwist 350, MediaTwist, DataTwist 600e,
 - GigaBIX and FiberExpress Solutions
- Certification Overview
- Installation Preambles for Belden IBDN Systems
- Work Area Products Installation:
 - GigaFlex Modules, Face Plates and Workstation Outlets
- BIX and GigaBIX Solutions:
 - IDC System Installation
 - Wall-Mount, Rack Mount Patch Panel System Installation
- Modular Jack and Patch Cord System
- High Density PS5E/PS6+ Patch Panel System
- PS5E Patch Box and Multi-user Box
- PS5E DVO Outlets, MDVO Adapters and EZ-MDVO Modules

- Optical Fiber Overview
 - Belden IBDN FiberExpress Systems and products
 - Products Overview, Fiber Termination, (1U/2U), (3U) and (4U) Patch Panel Installation
- OPTIMAX Field Installable Connector (ST, SC, LC)
- Breakout Kit Installation
- 10GX Solution Overview
- Reference Materials
- 75% In-Class Exercises

Prerequisite: None

Written Exam: No

BICSI CECs: RCDD (14),
INS, Level 2/Technician (14)